

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	17138	plasma same microwave	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:49
2	L2	84	1 and(conductive adj (polymer plastic monomer dimer oligmer) polyaniline polypyrrole polythiophene)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:50
3	L4	15510	plasma with microwave	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:50
4	L5	75	4 and(conductive adj (polymer plastic monomer dimer oligmer) polyaniline polypyrrole polythiophene)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:50

*polypyrrole
polyaniline*

SMTD/083866 - additional/supplemental

2

	L #	Hits	Search Text	DBs	Time Stamp
5	L6	0	(4 same(conductive adj (polymer plastic monomer dimer oligmer) polyaniline polypyrrole polythiophene)) not 3	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:51
6	L7	73	5 not 3	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:51
7	L3	2	1 same(conductive adj (polymer plastic monomer dimer oligmer) polyaniline polypyrrole polythiophene)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2003/08/1 2 12:51

L9 (9) 2 not 5-

(#6) 6,500,585 Saakes et al

(D56) A 2nd ex - new film (D4) The matrix } Cond.
(D7) in the 2nd step } Poly

(#7) 5,754,466 Yamada et al

(B56) The activity of
(B67) Conduct the films of metal... cond. poly...

L3

3

Document ID	Issue Date	Title	Current XRef	Inventor
US 5579573 A	19961203	Method for fabricating an undercoated chip electrically interconnected to a substrate	174/259; 228/180.22; 228/254; 257/E21.503; 29/841; 438/118	Baker, Jay D. et al.
JP 5804679 5 A	19830318	PRODUCT ION FOR OSCILLATING MEMBER FOR SPEAKER	29/594	AIDA, KAZUHIKO

X
(P10) *new plan etch*
- pursue of conductive poly

[L7] *? present ??*
#1 2003/0148139 A1 8/2/03 → *pl. date 7/25/02* Pct 1/26/01 *Mosen*
[0004] *plasma* ... *HF or HBr* ... *w/ H-carbon anion*
[0071] *Fig. 6 - org. layer matrix 10* ⇒ *poly pyrrol, poly aniline, poly thiophene*
(planar poly)
#2 2003/0129436 A1 *Barman et al* ← *12/9/02* *09/597247*
[0140] (D5) ... *cond. high poly. film 3 - poly thiophene*
[0142] (D7) ... *poly aniline* ... *poly thiophene*
[0180] *Fig. 37* ... *new polymer app.* ... *[0184] [0219]* ...
#10 2004/0031701 [0719] *new plasma treat. Li-foil*
[0174] *+ pole act. mat. of 2nd Li battery ... complex w/ Li ions*
[0215] ... *microb. and ... conductive poly. - PA, PTh, Ppyrrol*
#25 6,558,219 *Burroughes* [5/4/03 → 9/6/00 → Pct 3/2/02 (GB)]
(D4) The glass sub. - ITO and an alternative to ITO - cond. poly - PTh, Pami
(D9) The reactive treatment - O-plasma, HBr
(D21) Instead of PEDOT:PSS → poly aniline ... *(D6) The approach to gradient*
Q# 23 - *transport by poly aniline*
#30 (B762) 6,512,020 *Asakura et al* (33) 6,485,886 (D140+141) = *01/004724*
09/597247 738 (3346+347)
This known that conjugated polymer (poly aniline) - conductive from semiconductor → cond. by photoinduced
08/12/2003, EAST Version: 1.04.0000
(B163) *Substrate radiation ... new oxid. layer ... laser plasma*